

# FORM 2: VAPOR INTRUSION SAMPLING FIELD DATA SHEET

*\* Methane Only \**

## A) General Information

Sample Identification Number: \_\_\_\_\_

Site Address: 2225 East River Road

Sample Canister Location: Parcel 4610 Bldg. C

Sampler: Jason Close, Chris Raef

Sample source:

Indoor Air ☐

Sub-Slab ☒

Crawl Space ☐

Exterior Soil Gas ☐

Outdoor Ambient Air ☐

Sample Start Time: Date: 1/4/12 Time: 1628

Sample End Time: Date: 1/5/12 Time: \_\_\_\_\_

Shipping Date: \_\_\_\_\_

Canister Type: 6 L Summa Canister

Canister Serial No.: \_\_\_\_\_

Flow Controller Serial No.: \_\_\_\_\_

Initial canister vacuum: \_\_\_\_\_ "Hg or mm Hg

Final canister vacuum: \_\_\_\_\_ "Hg or mm Hg (must be between 1 to 10 "Hg)

Were "Instructions for Occupants" followed?

☐ Yes

☐ No

## B) Weather & Ambient Conditions

Ambient Temperature: High \_\_\_\_\_ Low \_\_\_\_\_

Barometric Pressure: \_\_\_\_\_ mm Hg

Average Humidity: \_\_\_\_\_ % (percent)

Average Wind Direction: \_\_\_\_\_

Average Wind Speed: \_\_\_\_\_ mph

Inside / Crawl Space / Outdoor Air Measurements;

	Before Sampling	After Sampling
Time:	<u>1552</u> 1/4/12	<u>1034</u> 1/5/12
PID Reading (ppm):	<u>1.0</u>	<u>0.4 ppm</u>
O <sub>2</sub> (%):	<u>22.9</u>	<u>22.5%</u>
CO <sub>2</sub> (%):	<u>0.1</u>	<u>0.1%</u>
Methane (%):	<u>0.0</u>	<u>0.0%</u>

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## C) Purge Data

Purging Rate: 200 mL/min  
Purge Start Time: 1608 Purge End Time: 1624  
Duration of Purging: 16  
Purged Volume: ~1 L  
PID Reading (ppm): 5.2  
O<sub>2</sub> (%): 22.7  
CO<sub>2</sub> (%): 0.5  
Methane (%): 0.0

2<sup>ND</sup> METHANE PURGE  
1036 →

## D) Helium Leak Test

start 1557  
stop 1604  
Time: 1606  
Concentration (ppm): 2250

Pass / Fail

27% in enclosure

## E) Sampling Information

	Pre-Sample / Start <u>1/4</u>	Post-Sample / Stop <u>1/5</u>
Canister Pressure Gauge Reading:	<u>N/A</u>	<u>N/A</u>
Time:	<u>1624</u>	<u>1056</u>
PID Reading (ppm):	<u>5.2 ppm</u>	<u>8.7 ppm</u>
O <sub>2</sub> (%):	<u>22.7%</u>	<u>22.2</u>
CO <sub>2</sub> (%):	<u>0.5%</u>	<u>0.5%</u>
Methane (%):	<u>0.0%</u>	<u>0.0%</u>
Basement Depth (ft below grade):	<u>—</u>	
Window Marked:	<u>Yes/No</u>	

Was there significant precipitation within 12 hours prior to (or during) the sampling event?

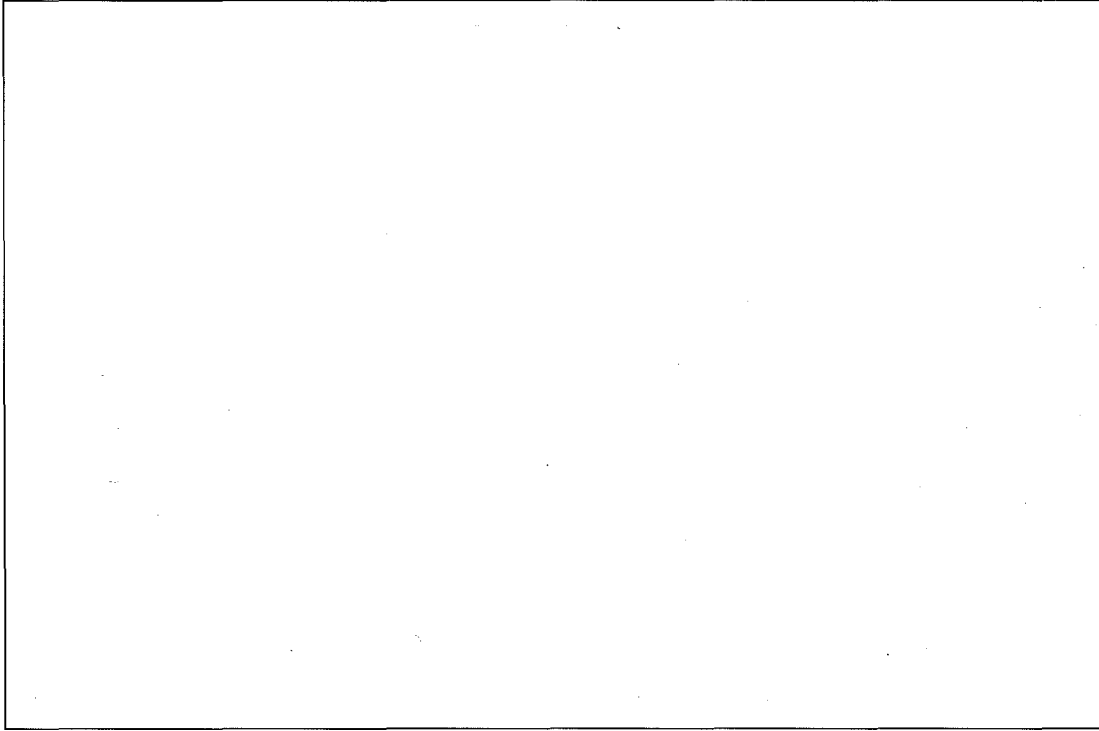
☐ Yes ☒ No

Describe the general weather conditions: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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Provide Drawing of Sample Location(s) in Building



F)

Comments

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